

INTERNATIONAL SEARCH REPORT

International application No.
PCT/KR2004/001786**A. CLASSIFICATION OF SUBJECT MATTER****IPC7 C07J 43/00**

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7 C07J

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
Korean Patent and applications for inventions since 1975Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
Chemical Abstract, CAS ON LINE**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 0473225 B1 (Merck & Co., Inc.) 09. July 1997 Cited in the application See the entire document, especially example 2	1 - 6
A	EP 0428,366 A (Merck & Co., Inc.) 22 May 1991 Cited in the application. See claims	1 - 6
A	US 5,091,534 A (Merck & Co., Inc.) 26 May 1992 Cited in the application See example 7	1 - 6
A	KR 9615038 B1 (Merck & Co., Inc.) 24 Oct 1996 Cited in the application	1 - 6
A	KR 9001206 B1 (Merck & Co., Inc.) 28 Feb 1990	1 - 6

☐ Further documents are listed in the continuation of Box C.☒ See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family


Date of the actual completion of the international search

09 NOVEMBER 2004 (09.11.2004)

Date of mailing of the international search report

10 NOVEMBER 2004 (10.11.2004)

Name and mailing address of the ISA/KR


 Korean Intellectual Property Office
920 Dunsan-dong, Seo-gu, Daejeon 302-701,
Republic of Korea

Facsimile No. 82-42-672-7140

Authorized officer

CHO, Myung Sun

Telephone No. 82-42-481-5594

INTERNATIONAL SEARCH REPORT
Information on patent family members

International application No.
PCT/KR2004/001786

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
EP0473225A2	04.03.1992	CA2049882A1	28.02.1992
		DE6912674B01	14.08.1997
		DE6912674B2	12.02.1998
		EP0473225A2	04.03.1992
		JP4261195A	17.09.1992
		US5120847A	09.06.1992
EP0428366A2	22.05.1991	CA2029859A1	14.05.1991
		CY2199A	08.11.2002
		DE6902254001	26.10.1995
		DE6903353B01	08.06.2000
		EP0428366A2	22.05.1991
		HK1002708A1	11.09.1998
		JP3206096A	09.09.1991
		LV12572B	20.04.2001
		US5021575A	04.06.1991
US5091534A1	25.02.1992	CA2049881A1	28.02.1992
		DE6912114B01	14.08.1997
		EP0473226A2	04.03.1992
		JP4261194A	17.09.1992
		US5120847A	09.06.1992
KR9615038B1	24.10.1996	AT117317T	15.02.1995
		AU1845788A	05.01.1989
		AU608860B2	18.04.1991
		CA1331601C	23.08.1994
		CY1871A	05.04.1996
		DE385279001	02.03.1995
		DK355088A	24.02.1989
		EP0298652A2	11.01.1989
		ES2066786T3	16.03.1995
		GR3015690T3	31.07.1995
		HK116695A	21.07.1995
		IE64996B1	04.10.1995
		IL86821A	13.05.1993
		JP1079198A	24.03.1989
		NZ225100A	25.09.1991
		PT87777A	31.05.1989
KR9001206B1	28.10.1990	AU6116990A	21.02.1991
		CA2023158A1	22.02.1991
		EP0414491A2	27.02.1991
		IE903004A1	27.02.1991
		JP3163093A	15.07.1991
		N0903656A	22.02.1991
		NZ234874A	26.03.1993
		PT95046A	18.04.1991
		ZA9006579A	25.11.1992